



[illegible]

```
0001 0 XTITLE 'Main module -- DSR / DSRPLUS CONTENTS Utility'
0002 0 MODULE cntvrs (MAIN = $contents, IDENT = 'V04-000'
0003 0 %BLISS32C, ADDRESSING_MODE (EXTERNAL = LONG_RELATIVE, NONEXTERNAL = LONG_RELATIVE))
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1
0008 1 *****
0009 1 *
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0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY:
0033 1 DSR (Digital Standard RUNOFF) /DSRPLUS DSRTOC/CONTENTS Utility
0034 1
0035 1 ABSTRACT:
0036 1 Defines the version number for TOPS-20 and VAX versions.
0037 1 Changes whenever CONTENTS code changes and describes the change.
0038 1
0039 1
0040 1 VERSION PREFIX CHARACTER CONVENTIONS:
0041 1
0042 1 While building a new version: X
0043 1 Final link, but internal: E
0044 1 Released version: V
0045 1
0046 1 ENVIRONMENT: Transportable
0047 1 %SBTTL 'Revision History'
0048 1
0049 1 AUTHOR: JPK
0050 1
0051 1 CREATION DATE: June 1982
0052 1
0053 1 MODIFIED BY:
0054 1
0055 1 022 REM00002 13-Feb-1984
0056 1 Enabled /REQUIRE for DSRTOC.
0057 1
```



58	0058	1	021	JPK00014	09-Jun-1983	
59	0059	1		Modified CAPTION so that figure, table and example captions		
60	0060	1		are unnumbered only if styled that way.		
61	0061	1				
62	0062	1	020	JPK00013	02-Jun-1983	
63	0063	1		Modified CONTENTS, CAPTION and GBLDCL to prevent initial		
64	0064	1		whitespace if /REQUIRE was specified. Modified CONTENTS to		
65	0065	1		prevent initial blank line for HL's.		
66	0066	1				
67	0067	1	019	JPK00012	27-May-1983	
68	0068	1		Modified source modules to include REQ: in REQUIRE statements.		
69	0069	1				
70	0070	1	018	JPK00011	20-May-1983	
71	0071	1		Modified CONTENTS to check status of \$XPO_PARSE_SPEC to avoid		
72	0072	1		XPORT error messages.		
73	0073	1				
74	0074	1	017	JPK00010	05-May-1983	
75	0075	1		Modified CONTENTS to change text for index record group to all		
76	0076	1		caps. Modified CAPTION to change the number of blank lines		
77	0077	1		after the entity title line.		
78	0078	1				
79	0079	1	016	JPK00009	24-Mar-1983	
80	0080	1		Modified CNTT20 to support new command line syntax.		
81	0081	1		Modified CONTENTS adding routines PROCESS_PAGE,		
82	0082	1		PROCESS_ENTITY_INFO and PROCESS_ENTITY_TXT to remove		
83	0083	1		code from routine TOC so that CONTENTS will compile on TOPS-20		
84	0084	1		Modified CNTVMSREQ to remove conditional require of RNODEF.		
85	0085	1				
86	0086	1	015	JPK00008	09-Mar-1983	
87	0087	1		Modified CONTENTS and CAPTION to support new BRN formats,		
88	0088	1		support SEND CONTENTS, /DOUBLE_SPACE, page numbered chapters,		
89	0089	1		guarantee space after section number and to write new		
90	0090	1		prologue and epilog for RUNOFF output.		
91	0091	1		Modified FORMAT to quote only the RUNOFF flags used by CONTENTS.		
92	0092	1		Modified CNTVMS to fix default for /DOUBLE_SPACE and do more		
93	0093	1		value checking.		
94	0094	1				
95	0095	1	014	JPK00007	14-Feb-1983	
96	0096	1		Global edit of all sources for CONTENTS/DSRTOC:		
97	0097	1		- module names are now consistent with file names		
98	0098	1		- copyright dates have been updated		
99	0099	1		- facility names have been updated		
100	0100	1		- revision history was updated to be consistent with DSR/DSRPLUS		
101	0101	1				
102	0102	1	013	JPK00006	14-Feb-1983	
103	0103	1		Modified CNTVMS, CONTENTS, FORMAT and CNTVMSMSG to generate		
104	0104	1		error messages for DSRTOC or CONTENTS depending on the		
105	0105	1		compiletime variant for DSRPLUS (/VARIANT:8192)		
106	0106	1				
107	0107	1	012	JPK00005	14-Feb-1983	
108	0108	1		Changed the names of the temporary files used to store		
109	0109	1		.SEND TOC, figure, table and example captions from XPORT.TMP;1,		
110	0110	1		.2, .3, .4 to OCNTST.TMP, OCNTFG.TMP, OCNTTB.TMP, and		
111	0111	1		OCNTX.TMP respectively. Delete the output file if /NOOUTPUT		
112	0112	1		was specified on the command line. Module CONTENTS modified.		
113	0113	1				
114	0114	1	011	JPK00004	11-Feb-1983	

115	0115	1	Changed the global variable name INDENT to LINE_INDENT in
116	0116	1	modules CONTENTS, CAPTION, FORMAT and GBLDCL.
117	0117	1	Removed declarations of PDENTS in modules CNTVMS, CONTENTS,
118	0118	1	and CAPTION and replaced with a module wide BIND using the
119	0119	1	new name INDENTS.
120	0120	1	Changed handling of INDENTS [1]. It no longer represents the
121	0121	1	sum of the chapter and title indents.
122	0122	1	
123	0123	1	010 JPK00003 11-Feb-1983
124	0124	1	Added condition handler to CNTVMS to set program exit status.
125	0125	1	
126	0126	1	009 JPK00002 10-Feb-1983
127	0127	1	Merged in change KFA00002 to modules CNTVMS, CNTCLIDMP and
128	0128	1	CNTCLI.REQ. This change was done without reserving and
129	0129	1	replacing the files in the CMS Library. This work involved
130	0130	1	replacing CONTENTS\$G_LM_INDENT, CONTENTS\$G_HL1_INDENT through
131	0131	1	CONTENT\$G_HL6_INDENT and CONTENT\$G_HLN_INDENT with
132	0132	1	CONTENT\$G_HL_INDENT.
133	0133	1	CONTENT\$V_TEX was removed - it was no longer needed.
134	0134	1	Changed /TMS to /FORMAT={DSR   TMS}.
135	0135	1	Added code for /DOUBLE_SPACE.
136	0136	1	
137	0137	1	008 KFA00003 04-Feb-1983
138	0138	1	Modified format of header level one to not include
139	0139	1	".0" in the counter. Change was in OUTSEC in module CONTENTS.
140	0140	1	
141	0141	1	007 RER00002 20-Jan-1983
142	0142	1	Modified CNTVMS and CNTCLI.REQ to add new fields for new and
143	0143	1	expanded qualifiers:
144	0144	1	CONTENT\$V_TEX - for tex output,
145	0145	1	CONTENT\$G_DOUBLE_SPACE - for /DOUBLE_SPACE,
146	0146	1	CONTENT\$G_HL2_INDENT through CONTENT\$G_HL6_INDENT for /INDENT.
147	0147	1	
148	0148	1	006 REM00001 11-Jan-1983
149	0149	1	Conditionalized output of CNTCLIDMP to only report items that
150	0150	1	are other than the default values.
151	0151	1	Added output of an identifying header.
152	0152	1	
153	0153	1	005 RER00001 17-Dec-1982
154	0154	1	Added code to CNTVMS to treat keyword NORUNNING in same way as
155	0155	1	keyword STANDARD.
156	0156	1	Changed header level default value from 99 to 6.
157	0157	1	Deleted foreign-command code; CONTENTS is now called
158	0158	1	as a subcommand of DSR.
159	0159	1	Conditionalized code to compile for DSRPLUS if BLISS
160	0160	1	/VARIANT = 8192 is used; otherwise, to compile for DSR.
161	0161	1	
162	0162	1	004 KFA00002 14-Oct-1982
163	0163	1	Modified CNTVMS, CONTENTS, CAPTION and CNTCLI.REQ to handle
164	0164	1	new syntax for /INDENT qualifier. All indents are now
165	0165	1	stored in the vector CMDBLK [CONTENT\$G_HL_INDENT []],
166	0166	1	where 0 = chapter indent, 1 = header level one indent, etc.
167	0167	1	
168	0168	1	003 KFA00001 13-Oct-1982
169	0169	1	Modified CONTENTS and CAPTION to allow null captions for
170	0170	1	headers, examples, figures, & tables.
171	0171	1	



CNTVRS  
V04-000

Main module -- DSR / DSRPLUS CONTENTS Utility  
Revision History

C 6  
16-Sep-1984 00:00:07  
14-Sep-1984 13:05:46

VAX-11 Bliss-32 V4.0-742  
[RUNOFF.SRC]CNTVRS.BLI;1

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: 172  
: 173  
: 174  
: 175  
: 176  
: 177  
: 178  
: 179

0172 1 |  
0173 1 |  
0174 1 |  
0175 1 |  
0176 1 |  
0177 1 |  
0178 1 |  
0179 1 |

002

JPk00001 17-Sep-1982  
Modified CONTENTS for TOPS-20. This included splitting routine  
toc () into toc () and tocfm () so that it can be compiled on  
the 20, and calling \$XPO\_GET\_MEM and \$XPO\_FREE\_MEM to  
temporarily store the prefix and suffix strings for HEADER  
EXAMPLE, FIGURE and TABLE.

```
181 0180 1
182 L 0181 1 %IF NOT %DECLARED(DSRPLUS_DEF)
183 0182 1 %THEN
184 0183 1
185 0184 1 REQUIRE 'REQ:RNODEF.REQ'; ! RUNOFF definitions
186 0315 1
187 0316 1 %FI
188 0317 1
189 0318 1 FORWARD ROUTINE
190 0319 1 $contents;
191 0320 1
192 0321 1 !
193 0322 1 ! GLOBAL STORAGE:
194 0323 1 !
195 0324 1
196 L 0325 1 %IF DSRPLUS
197 U 0326 1 %THEN
198 U 0327 1
199 U 0328 1 GLOBAL
200 U 0329 1 cntvrp : INITIAL (CH$PTR (UPLIT ('X2.5'))), ! Version # string
201 U 0330 1 cntvrl : INITIAL (4); ! Length of version string
202 U 0331 1
203 U 0332 1 %ELSE
204 U 0333 1
205 U 0334 1 GLOBAL
206 U 0335 1 cntvrp : INITIAL (CH$PTR (UPLIT ('V2.1-09'))), ! Version # string
207 U 0336 1 cntvrl : INITIAL (7); ! Length of version string
208 U 0337 1
209 U 0338 1 %FI
210 U 0339 1
211 U 0340 1 !
212 U 0341 1 ! EXTERNAL REFERENCES:
213 U 0342 1 !
214 U 0343 1
215 U 0344 1 EXTERNAL ROUTINE
216 U 0345 1 cntcli;
217 U 0346 1
218 U 0347 1 GLOBAL ROUTINE $contents
219 U 0348 1
220 L 0349 1 %IF %BLISS(BLISS36)
221 U 0350 1 %THEN
222 U 0351 1
223 U 0352 1 %IF %SWITCHES(TOPS10)
224 U 0353 1 %THEN
225 U 0354 1 (P1, P2, P3, P4, CCL_OFFSET)
226 U 0355 1 %FI
227 U 0356 1
228 U 0357 1 %FI
229 U 0358 1
230 U 0359 1 = cntcli (
231 U 0360 1
232 L 0361 1 %IF %BLISS(BLISS36)
233 U 0362 1 %THEN
234 U 0363 1
235 U 0364 1 %IF %SWITCHES(TOPS10)
236 U 0365 1 %THEN
237 U 0366 1 .P1, .P2, .P3, .P4, .CCL_OFFSET
```

CNTVRS  
V04-000

Main module -- DSR / DSRPLUS CONTENTS Utility  
Revision History

E 6  
16-Sep-1984 00:00:07  
14-Sep-1984 13:05:46

VAX-11 Bliss-32 V4.0-742  
[RUNOFF.SRC]CNTVRS.BLI;1

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: 238 U 0367 1 %FI  
: 239 U 0368 1  
: 240 0369 1 %FI  
: 241 0370 1  
: 242 0371 1 );

.TITLE CNTVRS Main module -- DSR / DSRPLUS CONTENTS Ut

.IDENT \V04-000\

.PSECT \$SPLITS,NOWRT,NOEXE,2

00 39 30 2D 31 2E 32 56 00000 P.AAA: .ASCII \V2.1-09\<0>

.PSECT \$GLOBALS,NOEXE,2

00000000' 00000 CNTVRP::.ADDRESS P.AAA  
00000007 00004 CNTVRL::.LONG 7

.EXTRN CNTCLI

.PSECT \$CODES,NOWRT,2

00000000G EF 0000 00000  
00 FB 00002  
04 00009 .ENTRY \$CONTENTS, Save nothing  
CALLS #0, CNTCLI  
RET

: 0357  
: 0359  
: 0371

: Routine Size: 10 bytes, Routine Base: \$CODES + 0000

: 243 0372 1  
: 244 0373 1 END !End of module  
: 245 0374 0 ELUDOM

#### PSECT SUMMARY

Name	Bytes	Attributes
\$SPLITS	8	NOVEC,NOWRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
\$GLOBALS	8	NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
\$CODES	10	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

#### COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS\$:CNTVRS/OBJ=OBJ\$:CNTVRS MSRC\$:CNTVRS/UPDATE=(ENH\$:CNTVRS)



CNTVRS  
V04-000

Main module -- DSR / DSRPLUS CONTENTS Utility  
Revision History

F 6  
16-Sep-1984 00:00:07  
14-Sep-1984 13:05:46

VAX-11 Bliss-32 v4.0-742  
[RUNOFF.SRC]CNTVRS.BLI;1

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(2)

: Size: 10 code + 16 data bytes  
: Run Time: 00:02.3  
: Elapsed Time: 00:07.3  
: Lines/CPU Min: 9756  
: Lexemes/CPU-Min: 9443  
: Memory Used: 13 pages  
: Compilation Complete



0338

AH-BT13A-SE  
VAX/VMS V4.0

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